-5

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATERT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 21 May 2004 (21.05.2004)

PCT

(10) Infernational Publication Number W 0 2004/041943 A1

(51) International Patent Classification7: 133/14, 167/02, 133/06

C09D 5/03,

(74) Agent: DESTRYKER, Elise; UCB, S.A., Allée de la Recherche, 69, B-1070 Brussels (BE).

(21) International Application Number:

PCT/EP2003/011972

(22) International Filing Date: 29 October 2003 (29.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 02024806.8

7 November 2002 (07.11.2002) EP

EP (8

(71) Applicant (for all designated States except US): UCB, S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brusselles (BE).

(72) Inventors; and

004/041943 A1

(75) Inventors/Applicants (for US only): MOENS, Luc [BE/BE]; Ijsvogellaan 30, B-1640 St. Genesius-Rode (BE). KNOOPS, Nele [BE/BE]; Belsenakestraat 4. B-3020 Herent (BE). VAN MUYLDER, Marc [BE/BE]; Astridlaan 51, B-9500 Oudenaarde (BE). MAETENS, Daniel [BE/BE]; Avenue René Comhaire, 108, B-1082 Bruxelles (BE).

(81) Designated States 'national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, TI, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW).

Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT. RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

will international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POWDER COATING COMPOSITIONS

(57) Abstract: The present invention relates to powdered thermosetting coating compositions comprising a co-reactable mixture of a glycidyl group containing acrylic copolymer, a carboxylic acid group containing polyester, all 3 compounds having a high Tg, along with allow Tg counterpart of 1 to 3 of these compounds, and a thermosetting catalyst. These thermosetting powder coatings particularly are designed for coating heat-sensitive substrates and produce a finish which exhibits reduced gloss.